RAW SEQUENCE LISTING   DATE: 11/05/2004
PATENT APPLICATION: US/10/511,278   TIME: 15:45:43

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11042004\J511278.raw

```
    3 <110> APPLICANT: Lancet, Doron
    4        Menashe, Idan
    5        Man, Orna
    6        Gilad, Yoav
    8 <120> TITLE OF INVENTION: POLYMORPHIC OLFACTORY RECEPTOR GENES AND ARRAYS, KITS AND
METHODS
    9        UTILIZING INFORMATION DERIVED THEREFROM FOR GENETIC TYPING OF
   10        INDIVIDUALS
   12 <130> FILE REFERENCE: 28364
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/511,278
C--> 14 <141> CURRENT FILING DATE: 2004-10-22
   14 <160> NUMBER OF SEQ ID NOS: 104
   16 <170> SOFTWARE: PatentIn version 3.2
   18 <210> SEQ ID NO: 1
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   21 <213> ORGANISM: Artificial sequence
   23 <220> FEATURE:
   24 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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   32 <212> TYPE: DNA
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   59 <220> FEATURE:
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   62 <400> SEQUENCE: 4
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C p3.(6)

RAW SEQUENCE LISTING   DATE: 11/05/2004
PATENT APPLICATION: US/10/511,278   TIME: 15:45:43

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11042004\J511278.raw

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66  <210> SEQ ID NO: 5
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69  <213> ORGANISM: Artificial sequence
71  <220> FEATURE:
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78  <210> SEQ ID NO: 6
79  <211> LENGTH: 25
80  <212> TYPE: DNA
81  <213> ORGANISM: Artificial sequence
83  <220> FEATURE:
84  <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
86  <400> SEQUENCE: 6
87  cctgggcctt cccatccaac ctgag                             25
90  <210> SEQ ID NO: 7
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92  <212> TYPE: DNA
93  <213> ORGANISM: Artificial sequence
95  <220> FEATURE:
96  <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial sequence
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108 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
110 <400> SEQUENCE: 8
111 tggcctatga ccgctttgtg gcgat                             25
114 <210> SEQ ID NO: 9
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116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial sequence
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120 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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123 ctgcatgaca cagacctttc tcttt                             25
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128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial sequence
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132 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
134 <400> SEQUENCE: 10
135 tgtgttgata cccaggcaaa tgagc                             25
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RAW SEQUENCE LISTING   DATE: 11/05/2004
PATENT APPLICATION: US/10/511,278   TIME: 15:45:43

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11042004\J511278.raw

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155 <220> FEATURE:
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163 <211> LENGTH: 25
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial sequence
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168 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
170 <400> SEQUENCE: 13
171 ggcatgattg ccctggtgtg cttca                                    25
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175 <211> LENGTH: 24
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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186 <210> SEQ ID NO: 15
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188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
194 <400> SEQUENCE: 15
195 tggtttgagg cacgtgaaat cagtct                                   26
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 25
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial sequence
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204 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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207 tgtccattga ccgctacgtg gccgt                                    25
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RAW SEQUENCE LISTING   DATE: 11/05/2004
PATENT APPLICATION: US/10/511,278   TIME: 15:45:43

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11042004\J511278.raw

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213 <213> ORGANISM: Artificial sequence
215 <220> FEATURE:
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223 <211> LENGTH: 25
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial sequence
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230 <400> SEQUENCE: 18
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235 <211> LENGTH: 25
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237 <213> ORGANISM: Artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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243 ctgccctact gcagaggcaa tatac                                 25
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247 <211> LENGTH: 24
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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259 <211> LENGTH: 25
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial sequence
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276 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
278 <400> SEQUENCE: 22
279 caacactttt actgtgacat tatcc                                 25
282 <210> SEQ ID NO: 23
283 <211> LENGTH: 25
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RAW SEQUENCE LISTING   DATE: 11/05/2004
PATENT APPLICATION: US/10/511,278   TIME: 15:45:43

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11042004\J511278.raw

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284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
290 <400> SEQUENCE: 23
291 atcgtctgga cactgctgca catcc                             25
294 <210> SEQ ID NO: 24
295 <211> LENGTH: 25
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
302 <400> SEQUENCE: 24
303 cggcctatga ccgcttcgtg gccat                             25
306 <210> SEQ ID NO: 25
307 <211> LENGTH: 25
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
314 <400> SEQUENCE: 25
315 tactttttcc tccgacactt ggcta                             25
318 <210> SEQ ID NO: 26
319 <211> LENGTH: ·25
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
326 <400> SEQUENCE: 26
327 tgtcctacga ccgctatgtg gccat                             25
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331 <211> LENGTH: 25
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial sequence
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336 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
338 <400> SEQUENCE: 27
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343 <211> LENGTH: 25
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
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354 <210> SEQ ID NO: 29
355 <211> LENGTH: 25
356 <212> TYPE: DNA
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/05/2004
PATENT APPLICATION: **US/10/511,278**   TIME: 15:45:44

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\11042004\J511278.raw**

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:95; N Pos. 836

VERIFICATION SUMMARY   DATE: 11/05/2004
PATENT APPLICATION: US/10/511,278   TIME: 15:45:44

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\11042004\J511278.raw**

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:780
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